



Postdoctoral research position in Large Eddy Simulation of ocean turbulence in coastal areas

One postdoctoral research position is available in the Department of Atmospheric and Oceanic Sciences at the University of California, Los Angeles. The successful candidate will work in the broad area of numerical studies of ocean turbulence in coastal areas using large eddy simulations. The position is funded by an ARPA-E grant aimed at investigating turbulence and nutrient fluxes within kelp canopies (both in natural and farming scenarios) and the successful candidate will interact with a larger group of collaborators focusing on other aspects of the problem (including field measurements, biogeochemical modeling, etc.). Candidates must have a PhD degree in atmospheric/oceanic sciences, engineering, applied math, or a closely related field. Research experience in turbulence, numerical modeling, large eddy simulation, and parallel computing is highly desirable. The successful candidate will be co-advised by Profs. Marcelo Chamecki and Jim McWilliams. The salary will be competitive and commensurate with relevant experience. Applications from women and underrepresented minorities are particularly encouraged, and U.S. citizenship or residency is not required.

Interested applicants should send a CV with a cover letter, names of three references, and a summary of recent work and research interests. All applications should be submitted electronically as a **single PDF document** to Prof. Marcelo Chamecki (chamecki@ucla.edu). This appointment is for one year and may be renewed pending satisfactory performance and funding availability. The start date would preferably be between January and March 2023, but this can also be negotiated. Review of applications will begin on Dec 1st, and it will continue until the position is filled.